

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

- 1 (currently amended): A method of detecting and eliminating errors in application data
5 stored in a section of a memory of an electronic device, the method comprising:
providing an application program containing an error checking algorithm in the
electronic device;
starting the application program to access the application data stored in a section of
the memory corresponding to the application program, wherein each application
10 program of the electronic device has a separate section of memory for storing
application data;
executing the error checking algorithm to check for errors in the application data;
and
erasing all of the application data in the section of memory corresponding to the
15 application program when the error checking algorithm detects an error in the
application data,
wherein the electronic device is restarted after the application data is erased.
- 2 (cancelled).
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- 3 (original): The method of claim 1 wherein the section of the memory is reset to an
initial status after the application data is erased from the section of the memory.
- 4-5 (cancelled).
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- 6 (original): The method of claim 1 wherein the memory is a non-volatile memory.

7 (original): The method of claim 6 wherein the memory is a flash memory.

8 (original): The method of claim 1 wherein the electronic device is a mobile phone.

5 9 (original): The method of claim 1 wherein the electronic device is a personal digital assistant (PDA).

10 (original): The method of claim 1 wherein the electronic device is a computer.

10 11 (new): A method of detecting and eliminating errors in application data stored in a section of a memory of an electronic device, the method comprising:
providing an application program containing an error checking algorithm in the electronic device;
starting the application program to access the application data stored in a section of
15 the memory corresponding to the application program, wherein each application program of the electronic device has a separate section of memory for storing application data;
executing the error checking algorithm to check for errors in the application data;
and
20 erasing all of the application data in the section of memory corresponding to the application program when the error checking algorithm detects an error in the application data,
wherein the error checking algorithm determines the error in the application data to
be a logical error.

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12 (new): The method of claim 11 wherein the section of the memory is reset to an initial status after the application data is erased from the section of the memory.

13 (new): The method of claim 11 wherein the memory is a non-volatile memory.

14 (new): The method of claim 13 wherein the memory is a flash memory.

5 15 (new): The method of claim 11 wherein the electronic device is a mobile phone.

16 (new): The method of claim 11 wherein the electronic device is a personal digital
assistant (PDA).

10 17 (new): The method of claim 11 wherein the electronic device is a computer.